

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1-28. (cancelled)
29. (previously presented) An emission control system of an internal combustion engine, comprising:
- an emission control device disposed in an exhaust passage of the internal combustion engine; and
 - a controller determining an initial oxidant state of said emission control device, said initial oxidant state based on an oxidant state before a previous vehicle shut down; and adjusting a fuel injection amount into the internal combustion engine based on said initial oxidant state during engine starting.
30. (previously presented) The system of claim 29 wherein said determined initial oxidant storage is based on a shut down time.
31. (previously presented) The system of claim 29 wherein said determined initial oxidant storage is based on temperature of said emission control device.
32. (previously presented) The system of claim 29 wherein said determined initial oxidant storage amount is based on a time constant.

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